V-IS20G-4P-2S

MAIN FEATURES

4 Port 10/100/1000Base-T POE+, 2 Port 1G Gigabit Fiber (SFP) Uplink, DIN rail, Support IEEE802.3af/at, Each port support max 30W
Managed Industrial Ethernet Switches

Input Voltage: DC48~58V

Operating Temperature: -40℃ ~ +75℃
Shell: IP40 protection, fanless design

Test Report: CCC, RoHS, FCC, CE

Anti-static: 8KV-15KV

MTBF: 100000 Hours

PRODUCT DESCRIPTION

The equipment is 2*1G Base-X, 4*10/100/1000 Base-T POE Managed Industrial Ethernet fast switch, through the fanless cooling circuit design, wide range working environment temperature, high protection level and other technologies, provide high / low temperature, lightning protection and other outstanding industrial quality, and integrated switching, safety and various rich protocols, simultaneously supported The public Ethernet multi ring protection technology (ERPS) has greatly enhanced the flexibility of the network and enhanced the reliability and security of the industrial network. It can meet the deployment requirements of rail transit, safe city, intelligent transportation, outdoor monitoring and other harsh environments.

RRODUCT PARAMETERS

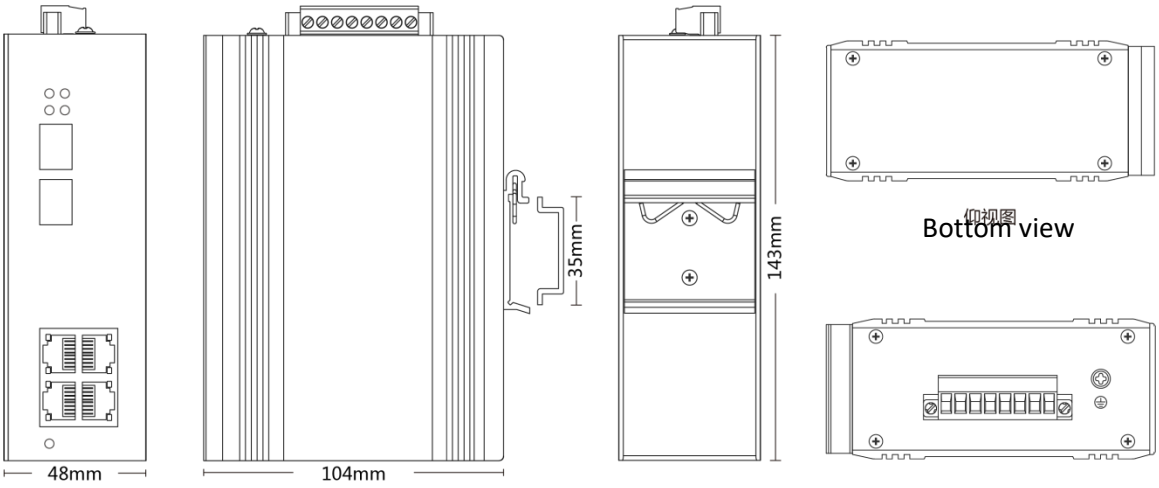
Provider Mode Ports	
Fixed port	2*1G Base-X, 4*10/100/1000 Base-T POE+
Management Port	Support Console
Power interface	Phoenix terminal, dual power input
LED Indicators	PWR，Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m（CAT5e,CAT6）
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	550m
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
Input voltage	DC48~57V
Total Power consumption	＜126W
Layer 2 Switching	
Switching capacity	36G
Packet forwarding rate	26.78Mpps
MAC address table	16K
VLAN	Support 4K
Buffer	12M
Forwarding delay	<10us
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS

Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
RMON	Support
NTP Client	Support
DHCP CLIENT	Support
DHCP snooping	Support

Ping/tracert test	Support
Dying gasp	Support
DDM	Support
POE	
POE port	1-4
POE Protocol	802.3af, 802.3at
Convergence	
ACL	Support ACL 500 Support IP standard ACL Support MAC expand ACL Support IP expand ACL
QoS	Support QoS re-marking, priority mapping Support SP, WRR queue scheduling Support engress rate-limited, egress rate-limit Support Policy-based QoS
Management	
CLI	Support
Console	Support
Management IP	Support IPv4/IPv6
Telnet/SSH	Support
WEB management	Support
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support

Environment	
Operating temperature	-40℃~+75℃ The device is tested for 4 hours at temperatures in 85°C
Storage temperature	-40℃~+85℃
Relative humidity	5%~95% （non-condensing）
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product size	48X104X143mm
Installation Method	DIN-rail
Weight	0.58KG
EMC&INGRESS PROTECTION	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level X（6KV/6KV） (8/20us)
Surge protection of Ethernet port	IEC 61000-4-5 Level 4（4KV/4KV） (10/700us)
RS	IEC 61000-4-3 Level 3（10V/m）
EFI	IEC 61000-4-4 Level 3（1V/2V）
CS	IEC 61000-4-6 Level 3（10V/m）
PFMF	IEC 61000-4-8 Level 4（30A/m）
DIP	IEC 61000-4-11 Level 3（10V）
ESD	IEC 61000-4-2 Level 4（8K/15K）
Free fall	0.5m
Authentication	
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate Adapter(optional)
Optional model	
V-IS20G-4P-2S	2*1G SFP Ports, 4*10/100/1000M RJ45 Ports, PoE 802.3af&at

SIZE AND APPEARANCE



Front view Side view Back view Top view Bottom view